

**ABUNDANCE OF GOLDEN APPLE SNAIL (*Pomacea canaliculata*) IN  
PADDY FIELD USING DIFFERENCE TRAPPING METHOD.**

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Bachelor of Science (Hons.) Plantation Technology and Management  
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## DECLARATION

This Final Year Project is a partial fulfilment of the requirements for a degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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## ABSTRACT

### ABUNDANCE OF GOLDEN APPLE SNAIL (*Pomacea canaliculata*) IN PADDY FIELD USING DIFFERENCE TRAPPING METHOD

The golden apple snail (GAS) *Pomacea canaliculata* from Ampullaridae family is one of the large freshwater snails from tropical to subtropical South America. The GAS become important major pests in the paddy rice in Malaysia that affect the yield of production. The main focus of this study to know the abundance of. The GAS on this field and a field researched was conducted at Yan, Kedah for five weeks by using two different trapping method which is using jackfruit's skin and stick wood. From the SPSS analyzed the data was not normally distributed ( $P < 0.05$ ) while the Kruskal – Wallis Test show that the Golden Apple Snail was not significant ( $\chi^2 = 10.916$  ;  $df = 9$  ;  $P > 0.05$ ). Supported by t- test the data is significant because even using different trap the data not shown too much changes. The GAS abundance had significant with the climatic factor. The mean of GAS for jackfruit's skin the lowest was on 10<sup>th</sup> collection and the highest is on the 4<sup>th</sup> collection while for the stick wood the lowest mean was 2<sup>nd</sup> collection and the highest was on the 5<sup>th</sup> collection.

Keyword: *Pomacea canaliculata*, jackfruit's skin, and stick wood